



#12

Docket:
90065.161501 /17732.6134.003

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Jun Zeng)
Serial No.: 09/551,187)
Filed: April 17, 2000)
For: SEMICONDUCTOR DEVICE HAVING)
REDUCED EFFECTIVE SUBSTRATE)
RESISTIVITY AND ASSOCIATED METHODS)

Examiner:
M. Trinh
Art Unit:
2822

RECEIVED
JAN 11 2001
U.S. PATENT & TRADEMARK OFFICE

AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

In response to the office action mailed May 9, 2001, please amend the above patent application as follows:

IN THE CLAIMS

Please amend the claims as indicated below:

52. (amended)

A method for making a semiconductor device comprising a semiconductor substrate having a lowered effective electrical resistivity, the method comprising:

in a first surface, forming one or more well regions comprising dopants of one polarity;

in the first surface and in said body regions, forming source regions of dopants of an opposite polarity, the source regions laterally spaced from each other;
forming gate regions between the laterally spaced source regions;

in a second surface opposite the first surface, forming a layer of dopants;
removing material from the second surface to reduce the thickness of said substrate;

**COMBINED AMENDMENT & PETITION FOR EXTENSION OF
TIME UNDER 37 CFR 1.36(a) (Large Entity)**

Docket No.

90065.161501/17732.6134.003

In Re Application Of: Jun Zeng

#9

Serial No.
09/551,187

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Examiner

Group Art Unit

Invention: SEMICONDUCTOR DEVICE HAVING REDUCED EFFECTIVE SUBSTRATE RESISTIVITY AND ASSOCIATED METHODS

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

This is a combined amendment and petition under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of May 9, 2001 in the above-identified application.

The requested extension is as follows (check time period desired):

- One month Two months Three months Four months Five months

from: August 9, 2001 until: December 9, 2001
Date *Date*

The fee for the amendment and extension of time has been calculated as shown below:

CLAIMS AS AMENDED

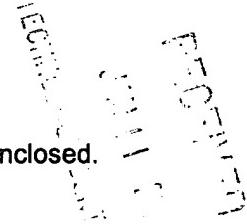
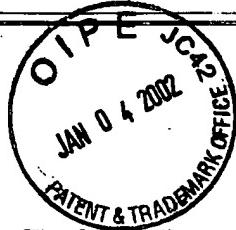
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	-	20 =	0	x \$18.00	\$0.00
INDEP. CLAIMS	-	3 =	0	x \$84.00	\$0.00
FEE FOR AMENDMENT					\$0.00
FEE FOR EXTENSION OF TIME					\$1,440.00
TOTAL FEE FOR AMENDMENT AND EXTENSION OF TIME					\$1,440.00

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COMBINE
AMENDMENT & PETITION FOR EXTENSION OF
TIME UNDER 37 CFR 1.136(a) (Large Entity)

Docket No.
90065.161501/17732.6134.003



The fee for the amendment and extension of time is to be paid as follows:

- A check in the amount of \$1,440.00 for the amendment and extension of time is enclosed.
- Please charge Deposit Account No. 10-0223 in the amount of \$1,440.00
A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No.
A duplicate copy of this sheet is enclosed.
- Any additional filing fees required under 37 C.F.R. 1.16.
- Any patent application processing fees under 37 CFR 1.17.
- If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No.
A duplicate copy of this sheet is enclosed.

Thomas R. Fitzgerald
Signature

Dated:

12/10/01

Thomas R. Fitzgerald, Esq.

Reg. No. 26,730

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cc:

I certify that this document and fee is being deposited
December 10, 2001 with the U.S. Postal Service as
first class mail under 37 C.F.R. 1.8 and is addressed to the
Assistant Commissioner for Patents, Washington, D.C.
20231.

Penny P. Clements
Signature of Person Mailing Correspondence

Penny P. Clements

Typed or Printed Name of Person Mailing Correspondence